

Date: Wed, 7 Apr 93 14:08:18 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #429
To: Info-Hams

Info-Hams Digest Wed, 7 Apr 93 Volume 93 : Issue 429

Today's Topics:

 40M antenna question
 Daily Solar Geophysical Data Broadcast for 06 April
 DX 'n stuff
 IC-24AT Mod Help (2 msgs)
 Language and History (Was: Re: ARRL living in the past?)
 Looking for TS-711A Control Software.
 Need help with Kantronics KPC-3
 New Contact Qualifications (Was: DX 'n Stuff)
 Please help. PK-232 vs KAM
 Rec.radio.reorg won't work, anyway.
 Satellite Elements
 source for copper-clad wire
 SPACE BULLETIN 014 ARLS014
 The damn bread thing again!
 UHF TV ANTENNA QUESTIONS

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 7 Apr 1993 01:47:43 GMT
From: world!mulvey@uunet.uu.net
Subject: 40M antenna question
To: info-hams@ucsd.edu

Hello!

 In anticipation of getting my Tech+ license in a few weeks, I'm starting
to accumulate some equipment. I currently have an Oak Hill 40M QRP rig, and

now I need to set up an antenna... the problem is that I live in a VERY small apartment, with no access to rain gutters, etc. for the typical "stealth" antenna. I can, however, get access to a long, 4ft. high wooden fence that is a few feet from my back window, so I was thinking of running a feedline out to it and putting a full-size dipole on the back side. :-)
My question is: how badly will receiving/transmitting be affected with the antenna only 4' from the ground? The reason that I haven't actually *tried* it yet is because I have to drill a hole in a brick wall if I'm going to use this method. My second question is: Has anyone tried the MFJ "portable" antenna? Is it a reasonable alternative to the dipole? For that matter - does anyone have comments about other alternatives? Thanks for any help you can give me!

- Rich

--

Rich Mulvey	mulvey@world.std.com	"A thing of beauty is a joy forever:
{&&, }	73476.1142@compuserve.com	its loveliness increases; it will
Katy Mulvey	(The new Mrs Mulvey! :-)	pass into nothingness..."

Date: 7 Apr 93 04:29:17 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 06 April
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 096, 04/06/93
10.7 FLUX=132.8 90-AVG=133 SSN=131 BKI=2222 3323 BAI=010
BGND-XRAY=B3.2 FLU1=4.6E+05 FLU10=1.1E+04 PKI=2323 3324 PAI=012
BOU-DEV=010,013,015,018,020,024,022,020 DEV-AVG=017 NT SWF=00:000
XRAY-MAX= M1.5 @ 2346UT XRAY-MIN= B2.8 @ 0815UT XRAY-AVG= B6.8
NEUTN-MAX= +002% @ 1415UT NEUTN-MIN= -002% @ 0535UT NEUTN-AVG= +0.1%
PCA-MAX= +0.1DB @ 1600UT PCA-MIN= -0.2DB @ 1510UT PCA-AVG= -0.0DB
BOUTF-MAX=55407NT @ 0937UT BOUTF-MIN=55367NT @ 1655UT BOUTF-AVG=55397NT
GOES7-MAX=P:+124NT@ 1703UT GOES7-MIN=N:-001NT@ 0727UT G7-AVG=+093,+050,+011
GOES6-MAX=P:+145NT@ 1654UT GOES6-MIN=N:-091NT@ 0302UT G6-AVG=+107,-008,-061
FLUXFCST=STD:135,140,140;SESC:135,140,140 BAI/PAI-FCST=010,010,010/015,015,015
KFCST=2223 3221 2223 3221 27DAY-AP=011,032 27DAY-KP=4322 2223 3235 5654
WARNINGS=*SWF
ALERTS=**MINFLR:M1.5@2346UTC
!!END-DATA!!

NOTE: The Effective Sunspot Number for 05 APR 93 was 60.0.
The Full Kp Indices for 05 APR 93 are: 7- 8- 8- 7- 7o 6- 4- 4-

Date: Wed, 7 Apr 1993 07:22:30 GMT
From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!rouge!cfm1471@network.UCSD.EDU
Subject: DX 'n stuff
To: info-hams@ucsd.edu

Derek, its really senseless to start a new string on the thing. Whether you do or dont send your own callsign, and whether he doesnt send his makes no difference. Like you said, its all on the honor system and if he logs the contact, whether its a DXpedition or not, and he makes the contact in the "old" way or new way, he's still wrong. Simple.

Charlie

```
=====
| Charles Morrison      | cfm1471@ucs.usl.edu   | These are my views,   |
| KI5XP                | ki5xp@ucs.usl.edu     | NOT anyone elses!     |
| U. of SouthWestern    | ki5xp@ki5xp.aara.org  | But who cares?        |
|      La.              | KI5XP @ K5ARH.LA      |                        |
| Lafayette, La 70506   |                        |                        |
=====
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Date: Tue, 06 Apr 93 00:16:50 GMT
From: access.usask.ca!kakwa.ucs.ualberta.ca!alberta!adec23!ve6mgs!
sking@decwrl.dec.com
Subject: IC-24AT Mod Help
To: info-hams@ucsd.edu

As I'm sure many of you Icom 24At owners know, there are two mods that require the remval of two diodes, D13 and D14. These two diodes are placed in an obvious place in the back of the radio and beg to be cut. Removing D13 enables the extended receive function. This is not a problem as D13 was not installed by the factory in the first place. Removing D14, it has been said, enables the cross-band repeat option during the cross-band full-duplex mode. This is a problem, as mine has the D14 installed by the factory. Has anyone tried this mod, i.e., cut D14? Does it really work??

73 de Steve

--
Stephen King KC6WCH/4 | "Democracy and socialism have nothing
"Climate is what you expect. | in common but one word: equality. But
Weather is what you get." -- Me | notice the difference: while democracy
Internet SKING@Wattres.sj.ca.us | seeks equality of liberty, socialism

Date: Wed, 7 Apr 93 18:25:31 GMT
From: access.usask.ca!kakwa.ucs.ualberta.ca!alberta!adec23!mark@decwrl.dec.com
Subject: IC-24AT Mod Help
To: info-hams@ucsd.edu

sking@wattres.SJ.CA.US (Steve King) writes:

>Removing D14, it has been said, enables the cross-band repeat option
>during the cross-band full-duplex mode. This is a problem, as mine
>has the D14 installed by the factory. Has anyone tried this mod,
>i.e., cut D14? Does it really work??

Yes! But you will be bored about it. Cross band repeat works well only if the transceiver has range (use a good mobile rig with cross-band and it can actually be useful at an event). We set up a pair of 24's with cross band repeat to make a single band repeater even, still a waste of time.

We have had troubles with people linking UHF and VHF repeaters together using the cross-band repeat function of their handhelds. So far, it has shown to be an annoyance to the community.

Enjoy, Ciao, 73 de VE6MGS/Mark -sk-

Date: Sun, 4 Apr 1993 13:19:05 GMT
From: psinntp!loretta!hbe@uunet.uu.net
Subject: Language and History (Was: Re: ARRL living in the past?)
To: info-hams@ucsd.edu

In <1993Apr1.225218.21618@pixar.com>, Bruce Perens writes:

>It's the language that I find the most offensive. I found it embarrassing
>to explain to my non-ham fiance' that XYL meant "Ex-Young-Woman", and
>was used to refer to any married woman. The ARRL perpetuates this usage
>in QST, which is one reason I think they are living in the past.
>To say this is OK is like saying it's OK to call a Black person a
>"nigger".

"XYL" is a putatively clever euphemism for "Old Lady," silly. The intent of this telegrapher's abbreviation, when it entered currency, was to be comparatively _inoffensive_. Today, this distinction appears to be lost on many.

Is it a bad thing to perpetuate a usage in a culture that is increasingly

unknowledgeable of its history and indisposed to examine and assess its antecedents? This is paradoxical.

-Harris KB6OWB

Date: 7 Apr 1993 17:11:02 GMT
From: usc!howland.reston.ans.net!wupost!sdd.hp.com!hpscit.sc.hp.com!
icon.rose.hp.com!hpchase.rose.hp.com!eric@network.UCSD.EDU
Subject: Looking for TS-711A Control Software.
To: info-hams@ucsd.edu

Could you please help me in locating a software control program for the Kenwood TS-711A. I have found out that there is a lot of programs that will talk to the HF rigs but I can't find ones that work with VHF. The other problem I face is that any of the program I have seen for control uses com port 1 or 2 but my system doesn't have those ports available. If you know of any programs either free, share, or purchased please let me know.

Thanks...
ES

Standard Disclaimers Apply..... I only represent Myself...

--

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*****
*
*   Eric Struble                Landline: 916.785.8288          *
*   CPO Engineering            Internet: eric@terrapin.rose.hp.com*
*   Support Materials Org.     hp-Snail: MS R10-OH             *
*   Hewlett-Packard           RF: N6PYF 146.745- (N6PYF/R)      *
*   U.S.A.                    AX.25: N6PYF@WA6NWE.#NOCAL.CA.USA *
*
*****
```

Date: Tue, 6 Apr 1993 23:36:07 GMT
From: swrinde!zaphod.mps.ohio-state.edu!magnus.acs.ohio-state.edu!csn!teal!
quent@network.UCSD.EDU
Subject: Need help with Kantronics KPC-3
To: info-hams@ucsd.edu

Earlier I posted a plea for help with connecting a Macintosh LCII, Kantronics KPC-3 TNC and Alinco DJ580 HT together. I figured it out before any responses showed up. In case anyone else is trying to do this here's what I found. (I don't know why I didn't post it to the packet newsgroup!)

The radio side:

The radio hookup was done using the manual's example for the ICOM 2AT radio but the resistor value was too small. I added another 1K to the 3.9K shown in the diagram; it works fine. Next I'm going to try a 4.7K for less bulk than two series resistors.

The computer side:

I use hardware flow control with my telephone modem but the modem cable wouldn't work with the KPC-3. (Now I need to review the modem configuration to see just what signals it's using.)

The answer:

Although the KPC-3 manual talks about hardware flow control it doesn't make it clear that the factory default requires RTS/CTS flow control. At least I think this is the case.

My solution:

On a female DB-25 connector I tied pins 4&5 and 6&20 together and did the same on a male connector. Then I connected pins 2,3 and 7 straight across between the connectors. Probably the TNC end only needs 4&5 and 6&20 tied together but this is no science experiment; I just wanted it to work! In fact probably only 4&5 need to be connected.

Next project: TCP/IP & KISS...

Quent Johnson N0WCH

Date: Wed, 7 Apr 1993 12:28:09 GMT

From: usc!wupost!darwin.sura.net!haven.umd.edu!wam.umd.edu!ham@network.UCSD.EDU

Subject: New Contact Qualifications (Was: DX 'n Stuff)

To: info-hams@ucsd.edu

In article <1993Apr7.074947.5416@usl.edu> cfm1471@ucs.usl.edu (Morrison Charles F) writes:

>JUST WHEN THE DXCC DESK THOUGHT THEY WERE CATCHING UP!

>

>New qualifications of logging contacts, domestic or DX. You need not

>copy the callsign! Just dream it up, find them in the callbook and

>QSL them! Thats it! How hard can it be?

>

>

>This is getting old fellas!

Hey! guess what! I just worked KC4AAA and 1S0AT and VK0HF on 160 meter phone, with only 5 watts and a dipole!

Time to submit for my 6-band QRP, DXCC honor roll!!!

--

73,

 \ / Long
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live

WAC CW/SSB WAS 75% of the way to DXCC -----| Dipoles!

Date: Tue, 6 Apr 1993 19:39:10 GMT
From: newsflash.concordia.ca!nstn.ns.ca!psinntp!psinntp!isc-newsserver!ultb!
cep4478@uunet.uu.net
Subject: Please help. PK-232 vs KAM
To: info-hams@ucsd.edu

In article <fred-mckenzie-060493101724@k4dii.ksc.nasa.gov> fred-mckenzie@ksc.nasa.gov (Fred McKenzie) writes:
>Regardless of what the problem is, maybe its time for a change. The PK-232
>was king when it first came out, but is getting old now. The KAM is highly
>regarded by many. Its one advantage that would sway me, is its ability to
>act as a gateway between HF and VHF.

I understand that the VHF port on the KAM is only good to 2400 baud. I took one apart the other day and found out why - the HF and VHF modem data is connected to two general-purpose I/O pins on the microprocessor, meaning it is a software-USART type arrangement similar to the BAYCOM. I don't understand why a "modern" packet controller would do this on the VHF port.

Can the PK-232 have both radio ports active at once, and is there also a software USART even for VHF operation?

Chris

--

Christopher E. Piggott, WZ2B
President
Rochester Institute of Technology
Amateur Radio Club K2GXT

cep4478@ulzb.isc.rit.edu
wz2b.ampr [44.69.0.1]
wz2b @ WB2PSI.#WNY.NY.USA.NA
CEP4478@RITVAXA.BITNET

Date: Tue, 06 Apr 93 17:25:06 PDT
From: ucla-mic!unixg.ubc.ca!cs.ubc.ca!mala.bc.ca!oneb!ham!emd@locus.ucla.edu
Subject: Rec.radio.reorg won't work, anyway.
To: info-hams@ucsd.edu

jmaynard@nyx.cs.du.edu (Jay Maynard) writes:

> In article <07gk2B5w164w@ham.almanac.bc.ca> emd@ham.almanac.bc.ca writes:
> >> > don't believe me, fine. Go and look at r.r.policy and see how
> >> > many articles were ONLY posted to policy. Find any?
> >Big deal. How many? What percentage do they form of the overall postings?
> >I'll bet you it's less than 20%.
>
> You lose.
>
> Of the 74 articles currently available on the news system at the University
> of Denver, where I'm reading news, 10 were crossposted, leaving 64 as being
> posted only to rec.radio.amateur.policy.
> --

You're right. I was wrong. When I checked my own system I found only 1 of 27 articles was cross-posted. I was certain, too, that a lot of the articles I read in policy I had already read in misc. So certain, in fact that I hadn't even counted them lately. I guess the demise of the "open/closed repeater" flame wars had me fooled.

Since you've demonstrated (quite successfully) that I'm wrong, I withdraw my opposition to the split. If it CAN be made to work, I'm for it.

Robert Smits
VE7EMD
Ladysmith B.C.
e-mail: emd@ham.almanac.bc.ca

There is *no* idiotproof filter.
Idiots are proof against anything!
- Richard Chycoski, VE7CVS

Date: 7 Apr 93 14:11:29 GMT
From: news-mail-gateway@ucsd.edu
Subject: Satellite Elements
To: info-hams@ucsd.edu

Netlanders,

At one time, the elements from T.S. Kelso appeared on the news feed a couple times a month. I have not seems them lately was wondering

if they still appear here.

They also used to be archived on nachos.ssesco.com, but I can't seem to get that machine to answer.

Does anyone know where I can get this info on the Internet or any general info on what has happened to the distribution?

Thanks...

Troy

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-----
| Troy T. Pummill, N6XMV          | trop@hls.com          |
| Product Applications Engineer | ...uunet!lanslide.hls.com!trop |
| Hughes LAN Systems           |                          |
| (415) 966-7915                | 1225 Charleston Rd., Silicon Gulch |
| Mountain View, CA 94043       | The preceding drivel is entirely my own! |
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Invisible airwaves crackle with life, bright antennae bristle with the energy
Emotional feedback on timeless wavelength, bearing a gift beyond price....
Almost free. "Spirit of Radio" - Rush

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Date: 7 Apr 93 14:27:40 GMT
From: news-mail-gateway@ucsd.edu
Subject: source for copper-clad wire
To: info-hams@ucsd.edu
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> Although it is quite un-flexible, the strongest wire is solid, and is
> called "copper clad". This is a steel-core wire with a copper coating.
> The main advantage of this, is that it doesn't stretch like copper. If a
> limb were to fall on it, the supporting wire or an insulator might break,
> but the copper-clad probably wouldn't (depending on the guage). I think I
> recall seeing enamel-insulated copper-clad many years ago, but it may no
> longer be made.

Another name for copper-clad wire is copper-weld. I recently purchased a
250' roll of 18 gauge copper-weld from AES in Milwaukee for \$14.95 to use
for making ladder line. I found that local hardware stores and electrical
supply places never heard of the stuff.

73,
Scott

--

Scott Ginsburg Voice: 617-280-2336
Wellfleet Communications Internet: ginsburg@wellfleet.com

15 Crosby Drive
Bedford, MA 01730

Amateur Radio: WA2CJT

Date: Wed, 07 Apr 93 07:40:29 GMT
From: pacbell.com!att-out!att!linac!uwm.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!
bulletin@network.UCSD.EDU
Subject: SPACE BULLETIN 014 ARLS014
To: info-hams@ucsd.edu

=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====

ZCZC AS93
QST DE W1AW
SPACE BULLETIN 014 ARLS014
FROM ARRL HEADQUARTERS NEWINGTON CT
APRIL 6, 1993
RELAYED BY KB8NW/OBS & BARF-80 BBS
TO ALL RADIO AMATEURS

SB SPACE ARL ARLS014
ARLS014 SAREX UPDATE

SAREX UPDATE

THE SAREX WORKING GROUP REPORTS THAT SHUTTLE MISSION STS-56,
ORIGINALLY SCHEDULED TO LAUNCH APRIL 7 AT 0532 UTC, HAS BEEN
DELAYED. FLIGHT COMPUTERS HALTED THE LAUNCH AT T-MINUS 11 SECONDS.
SENSORS INDICATED THAT A HIGH PRESSURE BLEED VALVE ON THE HYDROGEN
SIDE OF THE ORBITER SYSTEM WAS SLOW IN CLOSING, CAUSING AN AUTOMATIC
SHUTDOWN.

NASA HAS BEGUN RECYCLING THE SHUTTLE FOR THE NEXT LAUNCH
OPPORTUNITY. LAUNCH IS TENTATIVELY SCHEDULED FOR APRIL 8 AT 0529
UTC. THE MISSION CARRIES 5 AMATEUR RADIO LICENSED CREW MEMBERS.
STAY TUNED TO W1AW BULLETINS FOR SAREX MISSION UPDATES.
NNNN

Date: Wed, 7 Apr 1993 12:37:28 GMT
From: usc!sdd.hp.com!apollo.hp.com!hpwin052!hpqmoea!dstock@network.UCSD.EDU
Subject: The damn bread thing again!
To: info-hams@ucsd.edu

Now, if an amateur is heading homewards, and, using the autopatch, phones home only to be told to buy bread on the way.

- 1) The QSO is not the actual bread buying transaction, nor is it an advertisement for some specific baker, nor is it a recruitment ploy on behalf of any of the major religions which have a thing about bread, or any of the similarly fixated political ideologies.
- 2) Had the QSO not taken place, the need for bread would still exist, so the amateur would be dispatched back to perform the errand. The QSO has not influenced one crumb of bread sales. The QSO has affected fuel consumption, but those objecting to this side effect can be threatened with having their names fed to the most militant conservationists available.

73 David GM4ZNX

(CAUTION: British author, the reader must decide on quantity and location of smileys, if any)

Date: 6 Apr 1993 21:43:21 GMT
From: newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@uunet.uu.net
Subject: UHF TV ANTENNA QUESTIONS
To: info-hams@ucsd.edu

Howdy all:

I need to put up a UHF television antenna and I have a few questions regarding possible choices.

I want to receive channels 25 and 68. 68 is about 30 airmiles away, and I can currently receive it well using the whip antenna on my portable when I stand on my roof. 25 is much further away. (I am in Groton NY, Station is in Toronto, abt. approx 250 mi.) I can receive 25 weakly on my vhf (an old, but really, really large Gerrold.) antenna, when it is turned about 90 degrees away from the "proper" direction.

My plan is to hang a four or eight bay bowtie antenna from Channel Master. Should I be considering some form of Yagi-style instead?

I plan to use RG11 as my feedline and a radio shack balun. Should I consider anything else in place of these.

Anybody know a good mail order firm for Channel Master and other TV antennas?

Thanks,

Peter Morenus (pam2@cornell.edu)
N2MPV

Date: Wed, 7 Apr 93 19:51:57 GMT
From: access.usask.ca!kakwa.ucs.ualberta.ca!alberta!adec23!mark@decwrl.dec.com
To: info-hams@ucsd.edu

References <9303311223.AA05848@NADC.NADC.NAVY.MIL>,
<e0En03Gxcevj00@amdahl.uts.amdahl.com>, <1993Apr2.074551.1966@unet.net.com>
Subject : Re: RFD [rec.radio.amateur reorg]

larson@loren.net.com (Alan Larson) writes:

> We don't need more cross posting, and more complications for
>gatewaying to info-hams (or whatever it is nowadays).

History has shown in other groups we won't have a problem with cross postings.

> We do need some more sanity in using the list, perhaps, but
>the finer divisions just provide more places to miss the article
>that would have been interesting, if we had happened across it.

The coarse divisions are causing people to throw away 250 articles/day, throwing the baby out with the bath water. A newby with time may have the luxury of weeding through all the articles ... but I have seen cases of newbies throwing up their hands and walking way from the info-hams mess. I see a couple of request, because I moderate the rec.radio.info newsgroup, from people asking me (Mr radio.info, HAH! :-) how to sign off the info-hams list (and admittedly, the radio-info list too ...) because it bombs their mailbox.

I repeat myself, Ciao -- Mark

Date: Tue, 06 Apr 1993 04:44:42 GMT
From: ftpbox!mothost!mdisea!uw-coco!quick!ole!ssc!tad@uunet.uu.net
To: info-hams@ucsd.edu

References <1p7g6cINN4q1@morrow.stanford.edu>,
<1993Mar30.055939.18122@bongo.tele.com>, <C4sJ0H.F0G@athena.cs.uga.edu>p
Subject : Re: motive ...

In article <C4sJ0H.F0G@athena.cs.uga.edu> mcovingt@aisun3.ai.uga.edu (Michael Covington) writes:

>

>Someone, possibly lost in a chain of message headers, writes:

>

>>>>3. What would/did motivate you to join ARRL?

>>>I will join when they explicitly deny any bias against gay folk.

>

>Why should the ARRL make any statements about sexuality whatsoever?

>

>I don't know the whole rationale of why the ARRL refused the ad for the
>organization of homosexual hams, BUT:

>

The ARRL never refused to run their ad. They said they couldn't run it on the schedule that Lambda had demanded. (Its past the deadline, but they want it in a certain issue anyway!). Next thing the League knew, they were being threatened with a lawsuit.

Thats what a friend at HQ told me. The ARRL couldn't figure out why they were being accused of discrimination for applying the same ad deadline to Lambda that they apply to everyone else.

--

Tad Cook	Phone: 206-527-4089 (home)	MCI Mail: 3288544
Seattle, WA	Packet: KT7H @ N7DUO.WA.USA.NA	3288544@mcimail.com
	Internet: tad@ssc.com	or...sumax!ole!ssc!tad

End of Info-Hams Digest V93 #429
